

ABSTRACT

The present invention provides an immunological detection method that can detect milk allergens, allergens of albumen, flour, buckwheat and peanut with high sensitivity in foods containing these allergens regardless they are denatured/native, and a detection kit to be used therefor. It is a method for detecting allergens by using 2 or more monoclonal antibodies recognizing native and denatured milk allergens, native and denatured albumen allergens, native and denatured flour allergens, native and denatured buckwheat allergens, and native and denatured peanut allergens, using $\alpha_1\alpha_1$ casein which is the main protein of α_1 casein, β -lactoglobulin which is the main protein of whey, ovalbumin and ovomucoid which are main proteins of albumen, gliadin which is the main protein of flour, protein with a molecular weight of 24kDa and 76kDa which are main proteins of buckwheat, and Ara h1 which is the main protein of peanut as an index.